

METHODS OF MODULATING HOMING OF T CELL BY INTERRUPTION OF
CHEMOKINE/CHEMOKINE RECEPTOR SIGNALING

ABSTRACT OF THE INVENTION

In certain embodiments, the invention relates to methods of modulating homing of T cells to the pancreas. Such methods comprise contacting the cells with an agonist or an antagonist of the chemokine CCL21, or with an agonist or an antagonist of a chemokine receptor of the T cells. In other embodiments, the invention relates to methods of treating an individual suffering from insulin-dependent diabetes. Such methods comprise administering to the individual an antagonist of the chemokine CCL21 or a chemokine receptor of the T cells. In yet other embodiments, the invention relates to methods of preventing or reducing the onset of insulin-dependent diabetes in an individual. Such methods comprise administering to the individual an antagonist of the chemokine CCL21 or a chemokine receptor of the T cells.